PART B - FEE(S) TRANSMITTAL								
Complete and sengt	te and sengthis form, together with applicable fee(			Mail Stop ISSUI Commissioner fo P.O. Box 1450 Alexandria, Virg	or Patents	7		
NSVRUCTIONS: TIS TO	rm should be used for tran	smitting the ISSUE	or <u>Far</u> E FEE and PU	K (703) 746-4000  BLICATION FEE (if requirements from a front property of the second proper	ired). Blocks 1 through 4 sl	nould be completed wh		
ndicated units corrected in maintenance fee notification	below or directed otherwise	in Block 1, by (a)	specifying a n	ew correspondence address	ired). Blocks 1 through 4 sl will be mailed to the current ; and/or (b) indicating a sepa	rate "FEE ADDRESS"		
CURRENT CORRESPONDENC	CE ADDRESS (Note: Legibly mark-up			Note: A certificate of Fee(s) Transmittal. The papers. Each additions	mailing can only be used for his certificate cannot be used if al paper, such as an assignme e of mailing or transmission.	or domestic mailings of for any other accompany		
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 NEW YORK AVE., N.W. WASHINGTON, DC 20005				Ce I hereby certify that the States Postal Service	Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO, on the date indicated below.			
8/12/2004 EFLORES1 00	000055 10665619				(Depositor's na			
1 FC:1501 2 FC:1504	1330.00 OP 300.00 OP					(Signat		
3 FC-6001 APPLICATION NO.	FILING DATE	F	IRST NAMED I	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/665,619	09/22/2003		Hongwei V	· ·	1875.5070000	6565		
APPLN. TYPE	SMALL ENTITY	ISSUE FE		PUBLICATION FEE	TO ANALOG CONVERTER  TOTAL FEE(S) DUE	DATE DUE		
nonprovisional	NO	\$1330		\$300	\$1630	08/19/2004		
EXAN	MINER	ART UNI	т	CLASS-SUBCLASS	1			
NGUYEN	I, JOHN B	2819	<b>-</b>	341-144000	J			
CFR 1.363).  Change of correspond Address form PTO/SB/1  "Fee Address" indicate	e address or indication of "F ence address (or Change of C 22) attached. ion (or "Fee Address" Indica or more recent) attached. Us	Correspondence	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.  1 Sterne, Kessler,  2 Goldstein & Fox PLIC					
ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)								
Broadcom (	Corporation			Irvine, Cali	fornia	·		
Please check the appropriate assignee category or categories (will not be printed on the patent); 🔲 individual 💆 corporation or other private group entity 🔾 governm								
4b. Payment of Fee(s):  4b. Payment of Fee(s):  A check in the amount of the fee(s) is enclosed.								
v 2				credit card. Form PTO-2038	is attached. harge the required fee(s), or	credit any overnavment		
Director for Patents is regule			Deposit Accou	nt Number	(enclose an extra c	copy of this form).		
Authorized Signature)		(Date)		<del>-  </del>		<del></del>		
	berg, Reg. No. 4	12447	ugust 11	, 2004		•		
NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.								
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.								

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ÉE TRANSMITTAL							
•	for	FY	200	4			

Effective 10/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	10/665,619			
Filing Date	September 22, 2003			
First Named Inventor	Hongwei Wang			
Examiner Name	Nguyen, John B.			
Art Unit	2819			
Attorney Docket No.	1875.5070000			

Check   Cordit Card   Money   Other*   None Order   Non	METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)				
Charge any deficiencies or credit any overpayments in Deposit Account:	Check X Credit card Money X Other** None		3. ADDITIONAL FEES					
Deposit   Account   Number   Deposit   Account   Sterne, Kessler, Goldstein & Fox P.L.L.C.   Sterne, Goldstein & Sterne, Goldstein & Fox P.L.L.C.   Sterne, Goldstein & Sterne, Goldstei	T*Charge	e any deficiencies or credit any overpayments in	Large	Entity	Small	Entity	,	
Number   19-0036   19-00	•	A Deposit Account: the fees to Deposit Acct. No. 19-0036.					Fee Description	
Sterne, Kessler, Goldstein & Fox P.L.L.C.     The Director is authorized to: (check all that apply)		19-0036		• • •		• •	Surcharge - late filing fee or oath	Fee Paid
1053   130   1254   130   1254   130   1254   130   1254   130   1254   130   1254   130   1254   130   1254   130   1254   130   1255   130   1255   130   1255   130   1255   130   1255   130   1255   130   130   1255   130   1	Account	Sterne, Kessler, Goldstein & Fox P.L.L.C.	1052	50	2052	25		
Charge fee(s) indicated below		authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.    The content of the properties of the property of the properties of the pr		· 📻 · · · ·	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Total Claims   Tota	Charge any	additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*		
1.   1.   1.   1.   1.   1.   1.   1.	·	• • • •	1805	1,840*	1805	1,840*		
1.   BASIC FILING FEE   Large Entity   Small Entity   Fee Pee   Fee			1251	110	2251	55	Extension for reply within first month	_
Large Entity   Small Entity   Fee	1 BASIC E		1252	420	2252	210	Extension for reply within second month	
Code (\$)			1253	950	2253	475	Extension for reply within third month	
1001 770   2001 385			1254	1,480	2254	740	Extension for reply within fourth month	
1003 530   2003 265   Plant filing fee   1402 330   2402 165   Filing a brief in support of an appeal   1403 290 2403 145   Request for oral hearing   1403 2403 290 2403 145   Request for oral hearing   1403 240		• •	1255	2,010	2255	1,005	Extension for reply within fifth month	
1003 530   2003 265	1002 340	2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1005 160   2005 80   Provisional filing fee   SUBTOTAL (1)   (\$)	1003 530	2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$)   1452   110   2452   55   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unintentional   1501   1,330   2453   665   Petition to revive - unintentional   1501   1,330   2453   1502   2480   2502   240   Design issue fee (or reissue)   1502   480   2502   240   Design issue fee   1503   640   2503   320   Plant issue fee   1503   640   2503   320   Plant issue fee   1503   640   130   Petitions to the Commissioner   1460   130   Petitions to the Commissioner   1807   50   Processing fee under 37 CFR 1.17(q)   1806   180   1806   180   Submission of Information Disclosure Stmt   1202   18   2202   9   Claims in excess of 20   1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))   1801   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))   1801   770   1802   900   1802   900   Request for expedited examination of a design application   1809   1802   900   Request for expedited examination of a design application   1809   1809   1801   1809   1801   1	1004 770	2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid   1501 1,330   2501 665   1501 1,330   2501 6    1501 1,330   2501 6   1501 1,330   2501 6   1501 1,330	1005 160	2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid 1501 1,330 2501 665 Utility issue fee (or reissue)  Total Claims Independent I I I I I I I I I I I I I I I I I I I		SUBTOTAL (1) (\$)	1452	110	2452	55	Petition to revive - unavoidable	
Total Claims Independent Claims Independent Claims Multiple Dependent Large Entity   Small Entity Fee Fee Code (\$) Code				1,330	2453	665	Petition to revive - unintentional	
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Independent Claims Multiple Dependent  Large Entity   Small Entity Fee   Fee   Fee   Fee   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20  1201   86   2201   43   Independent claims in excess of 3  1203   290   2203   145   Multiple dependent claims in excess of 3  1204   86   2204   43   "Reissue independent claims over original patent    1205   18   2205   9   "Reissue claims in excess of 20 and over original patent    SUBTOTAL (2)   (\$)   -0-  1503   640   2503   320 Plant issue fee  1460   130   1460   130 Petitions to the Commissioner  1460   130   1460   130 Petitions to the Commissioner  1807   50   Processing fee under 37 CFR 1.17(q)  1806   180   1806   180 Submission of Information Disclosure Stmt    8021   40   8021   40 Recording each patent assignment per property (times number of properties)  1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))  1809   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))  1801   770   2801   385   Request for Continued Examination of a design application  Other fee (specify) Publication/Advance copies fee    1809   8021   40 Recording each patent assignment per property (times number of properties)  1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))  1809   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))  1801   770   2801   385   Request for Continued Examination of a design application  Other fee (specify) Publication/Advance copies fee    1809   8021   40 Recording each patent assignment per property (times number of properties)  1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(b))  1809   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))  1801   770   2801   385   Request for Continued Examination of a design application		Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Claims Multiple Dependent  Large Entity Small Entity Fee Fee Fee Fee Code (\$)  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 (\$)  SUBTOTAL (2) (\$)  Altho 130 1460 130 Petitions to the Commissioner 1807 750 Processing fee under 37 CFR 1.17(q)  1807 50 Processing fee under 37 CFR 1.17(q)  1808 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties)  1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination of a design application  Other fee (specify) Publication/Advance copies fee \$309.00			1503	640	2503	320	Plant issue fee	
Large Entity   Small Entity   Fee Fee Code (\$)   Fee Description   1807   50   1807   50   Processing fee under 37 CFR 1.17(q)   1806   180   Submission of Information Disclosure Stmt   8021   40   8021   40   Recording each patent assignment per property (times number of properties)   1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))   1809   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))   1801   770   2801   385   Request for Continued Examination (RCE)   1802   900   1802   900   Request for expedited examination of a design application   3809.00   3809.0	Claims		1460	130	1460	130	Petitions to the Commissioner	
Fee Code (\$)  Fee Description  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 (\$) -0-  SUBTOTAL (2)  Fee Description  8021 40 8021 40 Recording each patent assignment per property (times number of properties)  1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify) Publication/Advance copies fee \$309.00	Multiple Dependent		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Code (\$)  Code (			1806	180	1806	180	Submission of Information Disclosure Stmt	
1201 86 1201 43 Independent claims in excess of 3 1203 290 1204 86 1204 43 **Reissue independent claims over original patent 1205 18 1205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2)  [\$\$ 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify) Publication/Advance copies fee  **Reduced by Rasic Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2801 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination of a design application  Other fee (specify) Publication/Advance copies fee  \$309.00	Code (\$)	Code (\$)	8021	40	8021	40		
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1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify) Publication/Advance copies fee \$309.00		2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) -0-  *Regulation   1802 900	1204 86		1801	770	2801	385		
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(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) Telephone son D. Eisenberg (202) 371-2600 43,447 Signature

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